

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> :  C12Q 1/68	A1	(11) International Publication Number: WO 99/50451 (43) International Publication Date: 7 October 1999 (07.10.99)
<p>(21) International Application Number: PCT/GB99/00968</p> <p>(22) International Filing Date: 26 March 1999 (26.03.99)</p> <p>(30) Priority Data: 9806652.5 27 March 1998 (27.03.98) GB</p> <p>(71) Applicant (for all designated States except US): ISIS INNOVATION LIMITED [GB/GB]; 2 South Parks Road, Oxford OX1 3UB (GB).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): COOKSON, William, Osmond, Charles, Michael [GB/GB]; 67 Hilltop Road, Oxford OX4 1PD (GB). MOFFATT, Miriam, Fleur [GB/GB]; 30 Lapwing Close, Langford Village, Bicester OX6 0XR (GB). BHATTACHARYYA, Sumit [GB/GB]; 20 Bury Road, Stapleford, Cambridgeshire CB2 5BP (GB). LEAVES, Nicholas [GB/GB]; 47 Burdell Avenue, Sandhills, Oxford OX3 8EE (GB).</p> <p>(74) Agent: PRIVETT, Kathryn, Louise; Stevens, Hewlett &amp; Perkins, 1 Serjeants' Inn, Fleet Street, London EC4Y 1NT (GB).</p>		<p>(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>
<p>(54) Title: POLYMORPHISM 1: LINKAGE OF ASTHMA TO A LOCUS ON CHROMOSOME 2</p> <p>(57) Abstract</p> <p>A method for diagnosing an individual as being asthmatic, or as having a predisposition to asthma is described, which method comprises demonstrating in the individual the presence or absence of an allele which is associated with asthma, wherein the allele is situated at a locus in a region of chromosome 2 of up to 1 megabase in length, which region contains the locus D2S308.</p> <p style="text-align: center;"><b>COPY</b></p>		